

Notice of Allowability

Application No.

09/666,140

Examiner

Van Kim T. Nguyen

Applicant(s)

BARRETT ET AL.

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/02/06.
2. ☒ The allowed claim(s) is/are 1-4 and 6-37 (being renumbered as 1-36).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 10/03/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


ZARNI MAUNG**SUPERVISORY PATENT EXAMINER**

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's representative, Babak Akhlaghi, on January 4, 2004.

The application has been amended as follows:

Claim 1: Delete "multiple" before "---access providers ---" in lines 3 and 4; and insert "wherein the monitoring includes detecting connection transactions between multiple Internet protocol addresses and the access providers with the switching component" after "access providers" in line 3, to read as follows:

1. A method for securing an accessible computer system, the method comprising:
monitoring for connection transactions between multiple access requestors and access providers using a switching component connected to the access providers, wherein the monitoring includes detecting connection transactions between multiple Internet protocol addresses and the access providers with the switching component; and
denying access by an attacking access requestor to the access providers when a number of connection transaction initiated by the attacking access requestors through the switching component exceeds a configurable threshold number during a first configurable period of time.

Claim 5: cancel.

Claim 6: Change "5" to "1".

Art Unit: 2151

Claim 9: Change “5” to “1”.

Claim 15: Delete “multiple” in line 3 and 5; and insert “wherein the monitoring includes detecting connection transactions between multiple Internet protocol addresses and the access providers with the switching component” after the words “access providers” in lines 5, to read as follows:

15. A system for securing an accessible computer system, comprising:
a switching component connected to access providers having means for:
monitoring for connection transactions between multiple access requestors and the access providers, wherein the monitoring includes detecting connection transactions between multiple Internet protocol addresses and the access providers with the switching component; and
denying access by an attacking access requestor to the access providers when a number of connection transaction initiated by the attacking access requestor exceeds a configurable threshold number during a first configurable period of time.

Claim 17: Insert “the” before “multiple internet protocol” in line 3.

Claim 24: delete “multiple” in line 3.

Claim 25: Delete the “multiple” in line 3 and 5; and inset “wherein to monitor for connection transactions include to detect connection transactions between multiple Internet protocol addresses and the access providers with the switching component” after “access providers” in line 5, to read as follows:

25. A system for securing an accessible computer system, comprising:
a switching component connected to access providers to:

monitor for connection transactions between multiple access requestors and access providers, wherein to monitor for connection transactions include to detect connection transactions between multiple Internet protocol addresses and the access providers with the switching component; and

deny access by the access requestor to the access providers when a number of connection transactions initiated by an attacking access requestor exceeds a configurable threshold number during a first configurable period of time.

Claim 27: Insert “the” before “multiple Internet protocol addresses” in line 4.

Allowable Subject Matter

2. Claims 1-4, and 6-37 are allowed. The following is an examiner’s statement of reasons for allowance: Claims are considered allowable when reading the claims none of the references of record, alone or in combination, disclose or suggest the combination limitations specified in the independent claims including detecting connection transactions between multiple Internet protocol addresses and access providers using a switching component and denying access by an attacking access requestor when the number of connection transactions initiated by the attacking access requestor through the switching component exceeds a configurable threshold number during a first configurable period of time.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Van Kim T. Nguyen whose telephone number is 571-272-3073. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaronenchonwanit can be reached on 571-272-3197. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Van Kim T. Nguyen
Examiner
Art Unit 2151

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